

CLAIMS

1. An RNA molecule encoding a mammalian signal peptide operatively linked to a protein that would normally not be secreted from a mammalian cell, said signal peptide allowing at least some of said protein to be synthesised on the endoplasmic reticulum in a manner so that it can be secreted, the molecule comprising a deletion, insertion or substitution in respect of all or part of a 3' untranslated region, relative to the corresponding region present in naturally occurring RNA encoding said protein, such that the region's effect in directing molecules to an intracellular location other than the endoplasmic reticulum or to free and/or to cytoskeletal bound polysomes is eliminated or reduced relative to the corresponding naturally occurring sequence.
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2. An RNA molecule according to claim 1, wherein said signal sequence is a signal sequence selected from a growth hormone, a milk protein or albumin.
3. A DNA molecule that can be transcribed to provide an RNA molecule according to claim 1 or claim 2.
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4. A nucleic acid molecule capable of hybridising to a molecule as described in any preceding claim.
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5. A molecule according to any preceding claim in the form of a vector.
6. A mammalian cell comprising a molecule according to any preceding claim, when present in cell culture or in a non-human animal.

7. A method of obtaining a protein from a mammalian cell, comprising expressing the protein in the cell using a molecule according to any of claims 1 to 3 or 5 and allowing the cell to secrete the protein.
- 5 8. A chimaeric protein comprising a mammalian signal peptide linked to a protein that would normally not be secreted from a mammalian cell, said molecule being producable by translating an RNA molecule according to claim 1 or claim 2.

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